--**ABSTRACT OF DISCLOSURE**

A packet spread-spectrum transmitter for encoding and transmitting data with a spread-spectrum packet-switched system. An encoder encodes data to be transmitted. A demultiplexer demultiplexes the encoded data into sub-data-sequence signals. A plurality of product devices multiply each sub-data-sequence signal by a respective chip-sequence signal to generate a plurality of spread-spectrum channels. A combiner combines the plurality of spread-spectrum channels as a multichannel spread-spectrum signal. The multichannel spread-spectrum signal is concatenated with a header by a header device to output a packet-spread-spectrum signal which is transmitted over radio waves to a packet receiver.--

IN THE CLAIMS:

Delete claims 1-15, and add the following claims:

16. A method, using a packet transmitter, comprising the steps of:

storing data from a data input, as stored data;

demultiplexing the stored data into a plurality of sub-data-sequence channels;

spread-spectrum processing the plurality of sub-data-sequence signals by a plurality of chip-sequence signals, respectively, thereby generating a plurality of spread-spectrum channels, with each of the plurality of chip-sequence signals

LAW OFFICES
DAVID NEWMAN
CHARTERED
CENTENNIAL SQUARE
P.O. BOX 2728
LA PLATA, MD 20646
(301) 934-6100